

Awning or Shelter Deck, STEEL STEAMER.

No. 14842

State if Report is also sent on the Machinery of the Vessel *yes*

Port of *Hamburg* Date of completion of Report *3rd Feb 1922* Received at London Office *JUL 16 1922*
 Survey held at *Hamburg* Date, First Survey *25 August 1921* Last Survey *3 January 1922*
 On the *Yacht "EMPRESS OF SCOTLAND"* Rig *Hamburg*

TONNAGE under Tonnage Deck	CLASS 100A1	FT	INS	MTR	Master
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk.	Breadth (greatest moulded)	44.0	23.49		
Total under Upper Dk. 20401	Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck	53.25	16.38		Year of Appointment
Do. of Poop	Deduct height of 'tween deck when this does not exceed 8ft 2 1/2	130.45	39.85		Built at Stettin
Do. of R. Qr. Dk.	Transverse Number	12.50	34.03		When built 1905
Do. of Bridge House	Length on deck from fore part of stem to after part of sternpost	206.44			By whom built Vulcan Werke.
Do. of Forecastle	Longitudinal Number	82428	4656.4		Owners Canadian Pacific Railway Co
Do. of Houses on Deck	Depth "d" at middle of length. See Secs. 2 & 13.	23.3	7.08		Managers Canadian Pacific Steam Ship Co Ltd
Do. of excess of Hatchways	Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel	12.62			(Where necessary to be entered in Reg. Book.)
Do. above Crown of Engine Room	Upper Deck at side to top of keel	15.25			Residence London
Gross Tonnage 24581	Destined Voyage U.S.				Port belonging to London
Less Crew Space					If Surveyed under Building Afloat, or in Dry Dock yes
Less above Crown of Engine Room					
TONNAGE FOR FEES... 14844					

TH on Rule	FT	INS	BREADTH Moulded	FT	INS	DEPTH, ACTUAL Do.	Top of Floors to top of Awn. or Shelter Dk. Beams do.	Upper Deck Beams	No. of Decks with flat laid	No. of Tiers of Beams
698	5		79.0			50.3		41.0	5	
Length	694.5		breadth	79.3		depth	41.2			
of Ship per Register,										
Length	694.5		breadth	79.3		depth	41.2			
FRAMING.										
Angles, or Bars, amidships	240	100	16/8							
Angles	250	90	14 1/2							
Way of Double Bottoms at Solid Floors	110	110	16							
" " at intermdt. Bkts.										
Frames from centre to centre amidships	480									
length to collision bulkhead	600	525								
Frames from centre to centre in peaks	110	110	16 1/2							
SED FRAME, Angles	110	110	16 1/2							
Way of Double bottoms at Solid Floors										
" " at intermdt. Bkts.										
NG, depth of girder	240									
S, depth and thickness of Floor Plate at mid-line for 1/2 length amidships										
in way of Engine and Boiler spaces										
thickness at the ends of vessel										
depth at 1/2 the half-bdth. as per Rule										
height extended at the Bilges	2200									
IS, in Cell Double Bottoms	1500	16								
state if flanged (top and bottom)	not flanged									
spacing of Solid	on every frame									
EGIRDER, in Dbl. bottom, dpth. & thcknss	1500	2 1/2								
" Angles, Top	150	150	18							
" " Bottom	160	160	19							
" " to Floors	110	110	16							
Brackets at intermdt. frmng., wdth & thcknss										
GIRDERS, number and thickness	Three	16								
" state if flanged (top & bottom)	not flanged									
Angles	110	110	16							
IN PLATE, depth (exclusive of flange) and thickness	1000	18 1/2								
Angles to outside plating	130	130	19							
" to floors	110	110	16							
Brackets at intermdt. frmng., wdth & thcknss										
Height of Brackets above at bilge	400									
BOTTOM PLATING, breadth and thickness of Middle Line Strake	1300	19								
" thickness in Engine and Boiler space	25									
" Remainder in Holds	15									
Awng or Shelter Dk, Single Angle, RAILING, Plate, See Rule on Channel	240	95	13 1/2							
acing	on every frame									
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	240	95	13 1/2							
acing	on every frame									
Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	280	100	13 1/2							
acing	on every frame									
Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel										
Angles on upper edge										
Spacing										
MS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	300	160	15							
Angles on upper edge										
Spacing	on every frame									
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	300	100	13 1/2							
Angles on upper edge										
Spacing	on every frame									

PILLARS.	Inches in Ship	Inches Spacing in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved
PILLARS, In 'tween Deck, size and spacing	3 Radius			
" " Hold	on second			
" Quarter, 'tween Dks.,	radius			
" " in Hold	as per plan			
KEELSONS AND STRINGERS.				
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate				
" Rider Plate				
" Flat Keel Plate Angles				
" Horizontal Plates on Floors				
" Angles or Bulb Angles				
SIDE KEELSONS, Number				
" Angles or Bulb Angles				
" Plate above floors, for length				
" Intercostal Plate, for length				
" Attached to outside plating with Angle				
BILGE KEELSON, Angles				
" Intercostal Plate, for length				
" Attached to outside plating with Angle				
SIDE STRINGERS, Number				
" Angle				
" Intercostal Plate, for lng.				
" Attached to outside plating with Angle				
Awning or Shelter Deck Stringer Plates	1600	18 1/2		
double 1/2" breadth and thickness	1340	15		
Angle on ditto	160x160	18		
3/4" Strake of Deck plating	1600	15		
Deck * Steel, for 1/2 lng.		15 1/2		
Wood Deck, Material & thickness	90			
Upper Deck Stringer Plate, breadth and thickness	1600	18 1/2		
double 1/2" for 3/4" thickness	1850	15 1/2		
Angles on ditto, No. 2 to Shell	160x160	18		
Tie Plates, outside Hatchways				
Deck * Steel, for 1/2 lng.		13 1/2		
Wood Deck, Material & thickness	95			
Second Deck Stringer Plates, br'dth & thckn's	1650	20		
Angles on ditto, No. 2	150x160	15		
Tie Plates, outside Hatchways				
Deck * Material and thickness	steel	9		
Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness	150x160	18		
Angles on ditto, No. 2	160x160	14		
Tie Plates, outside Hatchways				
Deck, Material and thickness	steel	9		
Poop Deck Stringer Plate, breadth & thickness				
Angles on ditto				
Tie Plates				
Deck, Material and thickness				
Bridge Deck Stringer Plate, br'dth & thickness	1520	14 1/2		
Angle on ditto	100x100	11		
Tie Plates	steel dth	9		
Deck, Material and thickness	Opaline	95		
Forecastle Deck Stringer Plate, br'dth & thckn's	1400	13		
Angle on ditto	100x100	11		
Tie Plates	steel dth	9		
Deck, Material and thickness	Opaline	95		

* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge 354 ft., Forecastle 84 (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated no poop filled

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as should appear in the Register Book). 5 Decks Steel 3 wood Sheathed 5 tiers of beams 6 in No 1 Hold

Official No. ; Signal Letters State if Machinery is fitted aft no

How are the surfaces preserved from oxidation? Inside oil paints, bottom cement Outside oil patent paints

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors cellular

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<u>119 3/4</u>	<u>352</u>	Fore peak tank,		
Double bottom, under Engines and Boilers,	<u>114 3/4</u>	<u>885</u>	After peak tank,		
Double bottom, if under Engines only,	<u>125 1/2</u>	<u>840</u>	Deep tank, aft,		
Double bottom, if under Boilers only,	<u>215</u>	<u>948</u>	Deep tank, forward, <u>of Boiler room</u>	<u>53.9</u>	<u>1969</u>
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	<u>3055</u>	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 576 State whether the above have been tested as required by the Rules X

Order for Special Survey No.

Date

No. in builder's yard.

DATES of Surveys held while building

Surveyor's Signature

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